

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: SCHAUPP )  
 )  
Appl. No. NEW PATENT APPLICATION )  
 )  
Filed: HEREWITH )

For: POWDER BELL WITH SECONDARY CHARGING ELECTRODE

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty to disclose under 37 CFR 1.56, Applicant submits herewith information for consideration by the Examiner.

The submission of this information is only for the purpose of providing a complete record and is not intended to be construed as an admission that the information antedates the claimed invention, or as an admission that the information is material to patentability or relevant or analogous to the field of the invention.

The right to establish an invention date earlier than the filing date of the claimed invention, and the right to establish that the information is not material to patentability or relevant or analogous to the field of the invention is hereby reserved.

This submission shall not be construed to mean that a search has been made or that there exists no other information as defined under 37 CFR 1.56(a).

It is requested that the Examiner give full consideration to the information identified on the attached Form PTO-1449, and make it of record in this application.

Atty. Docket No. 12545

POWDER BELL WITH SECONDARY CHARGING ELECTRODE

Kindly complete and return a copy of the attached Form PTO-1449 to the undersigned.

This Statement is being filed along with a new patent application. No fee is required.

Respectfully submitted,



Lisa M. Soltis  
Attorney of Record  
Reg. No. 40,623

Telephone: 847.657.7980

Patent Department  
Illinois Tool Works Inc.  
3600 West Lake Avenue  
Glenview, Illinois 60025

**"Certificate of Mailing by "EXPRESS MAIL" Under 37 CFR 1.10"**

Express Mail Label No.: EU546404977US Deposit Dated: 7-29, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with the above Express Mail Label No. on the above Deposit Date addressed to the Assistant Commissioner for Patents, Washington, D.C. 20331.

  
Judy Stein

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. <b>12545</b>	SERIAL NO. <b>Unknown</b>
	Schaupp	
	FILING <b>Herewith</b>	GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,328,224	12.11.2001	ALEXANDER			
	AB	5,853,126	12.29.1998	ALEXANDER			
	AC	5,720,436	02.24.1998	BUSCHOR			
	AD	5,433,387	07.18.1995	HOWE ET AL.			
	AE	5,358,182	10.25.1994	CAPPEAU ET AL.			
	AF	5,353,995	10.11.1994	CHABERT			
	AG	4,921,172	05.01.1990	BELMAIN ET AL.			
	AH	4,896,384	01.30.1990	DIJKHUIZEN			
	AI	4,890,190	12.26.1989	HEMMING			
	AJ	4,879,137	11.07.1989	BEHR ET AL.			
	AK	4,825,807	05.02.1989	NAKAMURA ET AL.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	1,209,653	10.21.970	GB				
	AM	62140669	24.06.87	JP				
	AN	01315361	20.12.89	JP				
	AO	06094166	05.04.94	JP				
	AP	03169361	23.07.91	JP				

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		AQ	
		AR	

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>12545</b>		SERIAL NO. <b>Unknown</b>	
				Schaupp			
				FILING <b>Herewith</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AS	4,802,625	02.07.1989	BUSCHOR			
	AT	4,798,340	01.17.1989	VOHRINGE ET AL.			
	AU	4,788,933	12.06.1988	BUSCHOR			
	AV	4,785,995	11.22.1988	YAMANE ET AL.			
	AW	4,779,805	10.25.1988	JACKSON ET AL.			
	AX	4,726,521	02.23.1988	SIMM ET AL.			
	AY	4,685,620	08.11.1987	LAW ET AL.			
	AZ	4,598,870	07.08.1986	SCHLOZ			
	BA	4,580,727	04.08.1986	MOOS			
	BB	4,520,754	06.04.1985	GANGE ET AL.			
	BC	4,518,119	05.21.1985	VETTER			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BD	03221166	30.09.91	JP			
	BE	60151554	09.08.85	JP			
	BF	63116776	21.05.88	JP			
	BG	58124560	25.07.83	JP			
	BH						
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	BI						
	BJ						
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	ATTY DOCKET NO. <b>12545</b>	SERIAL NO. <b>Unknown</b>
	Schaupp	
	FILING <b>Herewith</b>	GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BK	4,505,430	03.19.1985	RODGERS ET AL.			
	BL	RE.31,867	04.16.1985	KENNON			
	BM	4,450,785	05.29.1984	MEISNER			
	BN	4,447,008	05.08.1984	ALLEN			
	BO	4,422,577	12.27.1983	ARNOLD ET AL.			
	BP	4,402,991	09.06.1983	MEISNER			
	BQ	4,381,079	04.26.1983	ALLEN			
	BR	4,360,155	11.23.1982	HUBBELL ET AL.			
	BS	4,350,304	09.21.1982	SUGIYAMA ET AL.			
	BT	4,323,197	04.06.1982	MORISHITA ET AL.			
	BU	4,216,915	08.12.1980	HENGARTNER ET AL.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BV							
	BW							
	BX							
	BY							

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		BZ	
		CA	

EXAMINER	DATE CONSIDERED
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>12545</b>		SERIAL NO. <b>Unknown</b>	
				Schaupp			
				FILING <b>Herewith</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CB	4,215,818	08.05.1980	HOPKINSON			
	CD	4,214,708	07.29.1980	LACCHIA			
	CE	4,171,100	10.16.1979	BENEDEK ET AL.			
	CF	4,169,560	10.02.1979	VOHRINGER			
	CG	4,135,667	01.23.1979	BENEDEK ET AL.			
	CH	4,114,564	09.19.1978	PROBST			
	CI	4,066,041	01.03.1978	BUSCHOR ET AL.			
	CJ	4,039,145	08.02.1977	FELICI ET AL.			
	CK	4,037,561	07.26.1977	LAFAVE ET AL.			
	CL	3,964,683	06.22.1976	GIMPLE			
	CM	3,913,523	10.21.1975	PROBST ET AL.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
	CN						
	CO						
	CP						
	CQ						
	CR						
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
		CS					
		CT					
EXAMINER				DATE CONSIDERED			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. <b>12545</b>	SERIAL NO. <b>Unknown</b>
	Schaupp	
	FILING <b>Herewith</b>	GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CU	3,843,054	10.22.1974	KENDALL ET AL.			
CV	3,698,636	10.17.1972	SZASZ			
CW	3,684,174	08.15.1972	BEIN			
CX	3,610,528	01.05.1971	FELICI			
CY	3,589,607	06.29.1971	WOLF ET AL.			
CZ	3,578,997	05.18.1971	FELICI			
DA	3,575,344	04.20.1971	ANGELICO			
CB	3,536,514	10.27.1970	LA FAVE ET AL.			
DC	3,233,655	02.08.1966	GRAHAM			
DE	3,102,062	08.27.1963	GRAHAM ET AL.			
DF	2,955,565	10.11.1960	SCHOTLAND			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Optional) 12545	Application Number Unknown
	Applicant(s) Schaupp	
	Filing Date Herwith	Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DG	2,759,763	08.21.1956	JUVINALL			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.